Enabling Science Through Scientific Computing

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Key Words: high performance computing, visualization, GIS

This session will provide an overview of the work that NTSD does to support Agency scientists. It will begin with a general discussion of our direction and where we see our services going in the next several years (20 min). We will discuss our role in the Center of Excellence development, including highlights of our GIS and high-performance computing programs. Efforts to enhance the background technologies that allow for greater collaboration and greater sharing of data (portal and grid) will also be discussed. This will allow attendees to learn more about specific projects, such as GIS and visualization projects, and how these technologies enhance the scientist's ability to perform. These presentations will be followed by a question and answer/brainstorming session that will allow the participants to determine whether their projects would benefit from these technologies.

Session Presenters:
Overview of NTSD Sci/Tech Services and collaboration: Joe Retzer
GIS: Tim Richards
HPC/ Visualization: JohnB Smith
GRID: JohnB Smith
Science Portal: Joe Retzer
Questions and Answers session: All